

Mail Stop Interference
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Paper 32
Filed: March 28, 2008

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE BOARD OF PATENT APPEALS
AND INTERFERENCES

Halliburton Energy Services, Inc.,
Junior Party
(Application 10/080,785,
Inventors: David J. **Leidel** and
James Phillip Lawson),

v.

Baker Hughes, Inc.,
Senior Party
(Patent 6,564,718
Inventors: James W. **Reese**, Steve Henderson,
William Harvey and Terry Slagle).

Patent Interference 105,587 (RES)
(Technology Center 1700)

Redeclaration - Bd.R. 203(c)

1
2 In light of the decision on interlocutory motions (Paper 31) this
3 interference is redeclared. The subject matter of the interference remains
4 unchanged except for the designation claims corresponding to the count.

1 For convenience, the entire subject matter of the interference is reproduced
2 below with the changes indicated with underlining.

3 **Junior Party**

4 Assignee: Halliburton Energy Services, Inc.

5 Involved Application: 10/080,785 filed February 22, 2002

6 Named inventors: David J. Leidel and James Phillip Lawson

7 Title: High Performance Powdered Metal Mixtures for Shaped Charge Liners

8 **Senior Party**

9 Assignee: Baker Hughes, Inc.

10 Involved Patent: 6,564,718 (based upon Application 09/860,116 filed
11 May 17, 2001)

12
13 Named Inventors: James W. Reese, Steve Henderson, William
14 Harvey,
15 and Terry Slagle

16 Title: Lead Free Liner Composition for Shaped Charges

17 Count 1

18 Claim 9 of U.S. patent 6,564,718.

19
20 A copy of Claim 9 follows:

21 9. A shaped charge comprising: a housing; a quantity of
22 explosive inserted into said housing; and a liner inserted
23 into said housing so that said quantity of explosive is
24 positioned between said liner and said housing, said liner
25 formed from a mixture of powdered tungsten and powdered
26 metal binder, wherein said powdered heavy metal
27 comprises from 90 percent by weight of said mixture to 97
28 percent by weight of said mixture, and wherein said
29 powdered metal binder comprises from 10 percent by
30 weight of said mixture to 3 percent by weight of said
31 mixture, said mixture compressively formed into a liner
32 body shape by cold working under sufficient pressure to
33 cause powders to behave substantially as a solid mass.

1 The claims of the parties are:

2 **Halliburton Energy Services, Inc.**

3 Application 10/080,785:

4 Claims: 1-5, 7-12, 14-25, 29-41, 45-60

5
6 **Baker Hughes, Inc**

7 Patent 6,564,718:

8 Claims: 1-22

9 The claims of the parties that correspond to Count 1 are:

10 **Halliburton Energy Services, Inc.**

11 Application 10/080,785:

12 Claims: 1-5, 7-12, 14-25, 29-32, 39-41, 45-48 and
13 55-60

14
15 **Baker Hughes, Inc**

16 Patent 6,564,718:

17 Claims: 1-22

18
19 The claims of the parties that do not correspond to Count 1 and
20 therefore are not involved in the interference are:

21
22 **Halliburton Energy Services, Inc.**

23 Application 10/080,785:

24 Claims: 33-38 and 49-54

25
26 **Baker Hughes, Inc.**

27 Patent 6,564,718: None

28 The parties are accorded the following benefit for Count 1:

29 **Halliburton Energy Services, Inc.**

30 None

31
32 **Baker Hughes, Inc.**

33 Application 60/206,098 filed May 20, 2000

34

/Richard E. Schafer/
Administrative Patent Judge

cc: (via electronic mail):

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